

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-110894

(43)Date of publication of application : 28.04.1997

(51)Int.Cl.

C07H 21/02  
A61K 31/70  
A61K 48/00  
C07H 21/04  
C12N 15/09

(21)Application number : 07-268442

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(22)Date of filing : 17.10.1995

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## (54) HYBRIC DNA/RNA OLIGONUCLEOTIDE AND ANTIVIRAL AGENT

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain the subject new nucleic acid having plural hairpin loop portions, with the intramolecular base sequence composed by an anti-sense DNA complementary to the target RNA and a sense RNA, having nuclease resistance, thus useful as, e.g. an antiviral agent.

SOLUTION: This new hybrid DNA/RNA oligonucleotide has a base sequence of the formula (A is an adenosine residue; T is a thymidine residue; G is a guanosine residue; C is a cytidine residue; (a), (u), (g) and (c) are each corresponding ribonucleotide, the linkage between nucleotides is phosphodiester linkage; (p) is a phosphate group), etc., having at least two hairpin loop portions, with the intramolecular base sequence composed by an anti-sense DNA complementary to the target RNA and a sense RNA, and having resistance to the decomposing action by various kinds of nuclease in vivo, therefore being useful as e.g. an antiviral agent against virus such as HIV.

CCGGAGATGCCTAAGGCC  
C CCGGAGATGCCTAAGGCC C

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the  
examiner's decision of rejection or application  
converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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